

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

1-2. **(Cancelled).**

3. **(Previously presented)** An isolated nucleic acid molecule comprising a nucleic acid sequence encoding the amino acid sequence shown in SEQ ID NO: 45.

4. **(Previously presented)** The isolated nucleic acid molecule according to claim 3, wherein the nucleic acid sequence comprises the nucleic acid sequence shown in SEQ ID NO: 44.

5. **(Original)** A recombinant nucleic acid molecule, comprising a promoter sequence operably linked to a nucleic acid molecule according to claim 3.

6. **(Original)** A cell transformed with a recombinant nucleic acid molecule according to claim 5.

7. **(Cancelled).**

8. **(Currently amended)** An isolated nucleic acid molecule that:
(a) hybridizes under very high stringency conditions with a nucleic acid sequence as set forth in SEQ ID NO: 44; and
(b) encodes a protein having ~~transacylase~~ O-acetyl transferase activity, wherein the protein uses as a substrate ~~a taxoid with a 10-hydroxyl group~~ 10-deacetyl baccatin III.

9. **(Cancelled)**

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10. **(Original)** A recombinant nucleic acid molecule, comprising a promoter sequence operably linked to a nucleic acid molecule according to claim 8.

11. **(Original)** A cell transformed with a recombinant nucleic acid molecule according to claim 10.

12-13. **(Cancelled)**.

14. **(Currently amended)** An isolated nucleic acid molecule that:

(a) has at least 90% sequence identity with a nucleic acid sequence as set forth in SEQ ID NO: 44; and

(b) encodes a protein having ~~transacylase~~ O-acetyl transferase activity, wherein the protein uses as a substrate ~~a taxoid with a 10-hydroxyl group~~ 10-deacetyl baccatin III.

15-27. **(Cancelled)**